It Takes Vision...
The Corps of Tomorrow

- Forward – Deployed, Integrated, Persistent Naval Forces...
- Organized To The Mission...
- Projecting Power Whenever & Wherever Required...
- Reaching Farther, Faster...
- In Distant Anti-Access Environments...

To Support the Joint Force Commander

Speed, Maneuver, Precision & Sustainment
Transformational Objectives

- **New Integrated Capabilities for:**
  - Seabasing
  - Assuring Access
  - Joint Enabling
  - Ship-to-Objective Maneuver

- **Dramatic Increases in:**
  - Strategic Speed & Agility
  - Operational Reach
  - Tactical Flexibility
  - Support & Sustainment

*New Tools for Joint Warfighters*
Transformation Across Four Pillars

Transformational Pillars

- New Operational Concepts
- New Technology
- Organizational Concepts
- Business & Acquisition Reform

Programs

- STOM
- ILC
- MV-22
- AAAV
- HSV
- JSF STOVL
- MPF(F)
- TF 58
- 4th MEB(AT)
- ABCM
- PPVs
- Sea Strike
- Sea Shield
- Sea Basing
- JOCs

Operational Concepts

- Command & Control
- Maneuver
- Fires
- Aviation
- Intelligence
- Logistics
- Force Protection
New Concepts
Seabased Operations

- Joint Force Options from the Sovereignty of the Sea
- Economical Forward Presence
- Reduced Dependence on Vulnerable Landbases
- Supporting the Joint Fight
  - Advance Force Ops
  - SOF Support
  - Joint Sustainment
  - Joint C4ISR
  - Forward Aviation

Cornerstone Of Marine Corps Transformation
New Concepts

Ship-to-Objective Maneuver

- Integrated Forcible Entry from Expeditionary Strike Forces
- Combined Air & Surface Maneuver from Advanced Amphibious Platforms
- Exploit Enemy Weaknesses, Avoid Strengths
- Directly Against Objectives Deep Inland
- Sustained Without Operational Pause
Leap-Ahead Technologies

- Tiltrotor / STOVL Force
- Advanced Amphibious Assault Vehicles
- High Speed Vessels
- Maritime Prepositioning Force (Future)
- FORCEnet
- Seabased Cargo Transfer
  - Intermodal Containerized Sustainment
  - Advanced Packaging
Organizational Agility

- Cultural Transformation Integrating the Navy – Marine Corps Team
- TACAIR Integration
  - Interchangeable Strike Fighter Forces
  - Marine Squadrons at Sea, Navy Squadrons Ashore
- Expeditionary Strike Forces
  - Expeditionary Strike Groups
  - Carrier Strike Groups
  - Maritime Prepositioning Groups
Organizational Agility
Marine - SOF Integration

• Complementary Capabilities for Joint Warfighting
• Integrating Forward - Deployed Forces to Preempt / Defeat Emerging Threats
• Maximizing Interoperability, Minimizing Duplication
• Expanding Relationship – Marine Forces OPCON to USSOCOM
• Seabased Special Operations Capabilities
Business & Acquisition Reform

- Streamlining Combat Development
- Integrated Logistics Capability
- Activity - Based Cost Management
- Public – Private Ventures
- Realigning Resources to the Warfighter
Marine Air-Ground Task Force
A Combined-Arms Team

Special Purpose MAGTF
Homeland Defense

Marine Expeditionary Unit
~2,200
Forward Engagement

Marine Expeditionary Brigade
~14,000
Swiftly Defeat The Efforts

Marine Expeditionary Force
~20-90K
Decisively Defeat

Joint Task Force HQ

MAGTF Command Element

Ground Combat Element
Aviation Combat Element
Combat Service Support Element

Bases/Stations

Scalable MAGTFs Supporting the National Military Strategy
Future Command Element

- Seabased Command & Control
- Networked Commanders & Smaller Staffs
- Collaborative Planning
- Common Relevant Operational Picture
- Worldwide Connectivity

Integrated Action via Shared Awareness
Future Ground Combat Element

- Increased Lethality & Speed
- Decentralized & Dispersed Forces
- Lightweight Organic Fire Support
- Lighter & More Maneuverable Vehicles
- Digital Connectivity to the Lowest Level
- Enhanced Force Protection
- Maximizing Joint Fires

Capitalizing on the Expeditionary Advantage
Future Aviation Combat Element

- All Tilt – Rotor / STOVL Force
- Our Bridge to the Future
  - CH-53E SLEP
  - KC-130J
  - AH-1Z & UH-1Y
- Expanded Basing Options
  - Expeditionary Air Fields
  - Mobile Offshore Bases

Integral Operational Reach

USMC Aviation Roadmap

2002 Legacy

2025 All STOVL

- CH-46E
- Pioneer
- AH-1W
- UH-1N
- CH-53E
- CH-53D
- KC-130
- F/A-18CD
- AV-8B
- EA-6B
- MV-22
- TUAV
- AH-1Z
- UH-1Y
- CH-53X
- KC-130J
- JSF
- EA-XX

- MAGTF Command Element
- Aviation Combat Element
- Combat Service Support Element
- Ground Combat Element
- Bases/Stations

- MV-22
- Tactical UAV
- Joint Common Attack/Air-Recon
- Joint Strike Fighter
- Joint Common Lift
Future Combat Service Support

- Seabased Sustainment
- Integrated Logistics Capability
  - Smaller Inventories
  - Replacing Mass with Information & Speed
- Automated Logistics Planning & Execution
- Leveraging Joint Assets
- Supports Continuous Operations

Right Stuff to Right Unit at Right Time
Future Bases & Stations

- **Strategic Reachback**
  - Worldwide Access to Info & Analysis
- **Strategic Sustainment for Deployed Forces**
- **Networked Foundation for Joint Training & Education**
- **Enhanced Force Protection**
Our Vision …

- Naval Heritage & Expeditionary Mindset
- Joint Integration
- Seabased Power Projection
- Forward Presence, Prepositioning & Rapid Response
- Transformational Capabilities for Joint Force Commanders
- Enabling the Joint fight

We’ll Be There. We’ll Win.
Back Ups
New Operational Concept

Seabased Operations

Phased Deployment

At-Sea Arrival and Assembly

Selective Off-load

Reconstitution at Sea

Phased At-Sea Arrival and Assembly, Selective Offload, and Projection of a MEB-sized Force within 5 -7 Days
New Operational Concept

Seabased Operations

Phased Deployment

At-Sea Arrival and Assembly

Selective Off-load

Reconstitution at Sea

Projecting Power & Assuring Access As Part of the Joint Force
Global CONOPs and Capabilities
Sustained Power Forward

- Economical Forward Presence
- Seabased Power Projection
- Supports the 1-4-2-1 strategy
Network Centric Warfare is the theory.

Network Centric Operations is the concept.

FORCEnet is the process of making the theory and concept a reality.

FORCEnet is the operational construct and architectural framework for Naval Warfare in the Information Age which integrates Warriors, sensors, networks, command and control, platforms and weapons into a networked, distributed combat system, scalable across the spectrum of conflict from seabed to space and sea to land.

FORCEnet IS THE SYSTEMATIC ACCELERATION OF NCW TO REALITY
USMC Aviation Roadmap

2002
LEGACY

2025
All STOVL

- MV-22
- Tactical UAV
- Joint Common Attack/Air-Recon
- Joint Strike Fighter
- Joint Common Lift

Increased Capabilities

CH-46E
Pioneer
AH-1W
UH-1N
CH-53E
CH-53D
KC-130
F/A-18C/D
AV-8B
EA-6B

MV-22
TUAV
AH-1Z
UH-1Y
CH-53X
KC-130J
JSF
EA-XX